| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|---|---|---|---|
| 10/809,594 | 03/25/2004 | Van Hoa Lee | AUS920040058US1 | 7104 |

35525          7590          10/19/2007

IBM CORP (YA)
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| EXAMINER |
|---|
| GU, SHAWN X |

| ART UNIT | PAPER NUMBER |
|---|---|
| 2189 | |

| MAIL DATE | DELIVERY MODE |
|---|---|
| 10/19/2007 | PAPER |

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

| | Application No. | Applicant(s) |
|---|---|---|
| ***Interview Summary*** | 10/809,594 | LEE, VAN HOA |
| | Examiner | Art Unit |
| | Shawn X. Gu | 2189 |

All participants (applicant, applicant's representative, PTO personnel):

(1) _Shawn X. Gu_.                                    (3)_____.

(2) _Kevin Afghani [Reg.No.59,168]_.                 (4)_____.

Date of Interview: _05 October 2007_.

Type:   a)☒  Telephonic    b)☐  Video Conference
        c)☐  Personal [copy given to: 1)☐ applicant    2)☐ applicant's representative]

Exhibit shown or demonstration conducted:   d)☐ Yes    e)☐ No.
    If Yes, brief description: _____.

Claim(s) discussed: _2-9_.
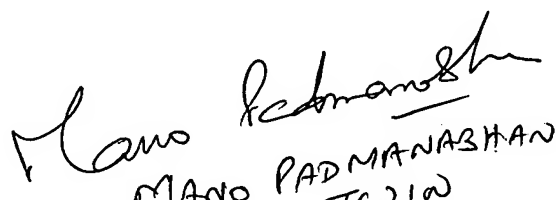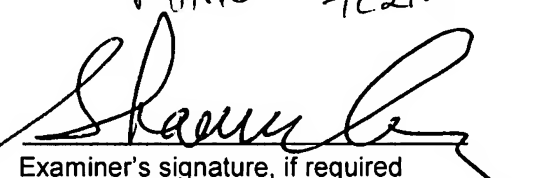
Identification of prior art discussed: _____.

Agreement with respect to the claims f)☒ was reached.   g)☐ was not reached.   h)☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: _Agreement was reached that if the Applicant amend the claims as proposed during the interview (see attached proposed amendment), the applicant would be allowable over prior art_.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached.  Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW.  (See MPEP Section 713.04).  If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW.  See Summary of Record of Interview requirements on reverse side or on attached sheet.

MANO PADMANABHAN
TC 2100

Examiner Note:  You must sign this form unless it is an Attachment to a signed Office action.

Examiner's signature, if required

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Lee       §   Group Art Unit: 2189

§

Serial No.: 10/809,594       §   Examiner: Shawn X. Gu

§

Filed: March 25, 2004       §   Attorney Docket No.: AUS920040058US1

§

For: Method to Allow PCI Host Bridge    §
(PHB) to Handle Pre-Fetch Read
Transactions on the PCI Bus Which
Access System Memory Through
Translation Control Entry (TCE) Table
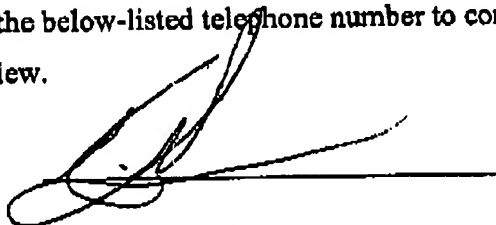
## AGENDA FOR TELEPHONE INTERVIEW

Sir:

Please consider the following topics for discussion during our telephone interview on October 5, 2007:

2.      (Proposed) ~~The method of claim 1, further comprising:~~ A method in a data processing system for providing valid translation entries in a translation control entry table for all supported direct memory addresses, comprising:
     reserving a page in system memory to form a reserved page;
     writing the reserved page;
     selecting a region in the system memory for the translation control entry table;
     initializing all entries in the translation control entry table, wherein all entries are initialized to be valid and contain an address of the reserved page; and
     updating an entry in the translation control entry table, wherein a physical memory page replaces the reserved page when the entry is used by an operating system's device driver.

3.      (Original) The method of claim 2, further comprising:
     restoring the entry in the translation control entry table with the reserved page when the entry is no longer used by an operating system.

4.      (Proposed)  The method of claim 2, further comprising:
        determining whether a direct memory address translation
corresponding to the entry has been cached in a translation lookaside
buffer; and
        responsive to a determination that the such a direct memory
address translation exists, clearing the direct memory address translation
from the translation lookaside buffer.

5.      (Proposed)  The method of claim 2, [[1,]] wherein the page in the
system memory is inaccessible to an operating system running on the data
processing system.

6.      (Proposed)  The method of claim 2, [[1,]] wherein writing the
reserved page includes setting all bytes within the reserved page to 0xFF.

7.      (Proposed)  The method of claim 2, [[1,]] wherein initializing all
entries to be valid includes setting all valid bits to "1".

8.      (Cancelled)

9.      (Proposed)  The method of claim 2, [[1,]] wherein the translation
control entry table comprises a 2MB Translation Control Entry table
having 512K 4-byte entries.


        The Examiner is invited to call at the below-listed telephone number to confirm or
reschedule the requested telephone interview.

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ATTORNEY FOR APPLICANT